

IN THE SPECIFICATION:

Please amend the specification as follows:

In the Paragraph beginning on Page 8, line 1:

(a) The degree of spatial and temporal resolution required to generate a "current curtain" to contain seizure spread is unattainable as recording or sensing is done from the cortical surface from where precise localization of seizure onset is not possible. For a further discussion of the limitations of recording BEA only from the cortical surface, see U.S. Patent Application No. 10/622,238 entitled "Unitized Electrode with Three-Dimensional Multi-Site, Multi-Modal Capabilities for Detection and Control of Brain State Changes" and filed concurrently herewith;

In the Paragraph beginning on Page 11, line 7:

(g) The total number of separate electrodes and tracks left by the insertion process in Fischell et al ('689) required for seizure detection and EBS (see column 4, lines 7-11) is more than those required by the teachings herein and those of U.S. Patent Application No. 10/622,238 entitled "Unitized Electrode with Three-Dimensional Multi-Site, Multi-Modal Capabilities for Detection and Control of Brain State Changes," filed concurrently herewith. The Fischell et al teaching of separate sensing and stimulating units adds unnecessary bulk and processing complexity. The therapeutic ratio of such an arrangement, defined as benefits/adverse effects or therapeutic ratio, appears to be unacceptably low, in light of the spatial incongruence and

temporal delay that the Fischell et al approach introduces and the bulk/complexity mentioned immediately hereinbefore.

In the Paragraph beginning on Page 17, line 2:

(b) means of optimizing in a quantifiable manner the process of delivering such waveforms as stimulating electrical currents to a subject using a multi-pronged unitized electrode as disclosed in U.S. Patent Application No. 10/622,238 entitled "Unitized Electrode with Three-Dimensional Multi-Site, Multi-Modal Capabilities for Detection and Control of Brain State Changes" and filed concurrently herewith, which is incorporated herein by reference, to provide stimulating and recording access to the brain of the subject;